


## NiCro 600 Tig

<b>CATEGORY</b>	GMAW-GTAW Solid wires																									
<b>TYPE</b>	Solid nickel base welding wire for gas tungsten arc welding (GTAW).																									
<b>APPLICATIONS</b>	CEWELD Nicro 600 filler metal is used for welding nickel-chromium-iron (Inconel 600, 601 and 690) alloys to themselves, and for dissimilar welding between nickel-chromium-iron (Monel, Inconel and Incoloy) alloys and steels or stainless steels. The applications include surfacing as well as clad-side welding.																									
<b>PROPERTIES</b>	High manganese of this weld deposit reduces the possibility of micro fissures. High manganese reduces creep strength, which limits its usage up to 900°F.																									
<b>CLASSIFICATION</b>	AWS	A 5.14: ER NiCr-3 F-No. 43																								
	EN ISO	18274: S Ni 6082 (NiCr20Mn3Nb) FM6																								
	DIN: W.Nr.	2.4806																								
	DIN	1736: SG NiCr20Nb																								
<b>SUITABLE FOR</b>	Inconel 600, 2.4816, 1.4864, 1.4876, 2.4817, 2.4851, 1.6901, 1.4886, NiCr15Fe, X10NiCrAlTi 32 20, LC-NiCr15Fe, NiCr23Fe, X3CrNiN 18 10, alloy 600/B168, alloy 800 / 800H(T), Incoloy 330, N10665, N06601, N08330, kiln tyre, difficult to Weld steels, cock wheels																									
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<b>REDRYING TEMPERATURE</b>	not required																									
<b>GAS ACC. EN ISO 14175:</b>	I1, R1 (Ar-H2)																									